Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 26.05.2025 Version number 109.17 (replaces version 109.16) Revision: 26.05.2025

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SECTION 1: Identification of the substance/mixture and of the company/ undertaking

1.1 Product identifier

Trade name LotuSCare® Pre-Max

Other trade names:

Article number: 1004190023000
UFI: CJN0-02T7-Y00F-P8CT

1.2 Relevant identified uses of the substance or mixture and uses advised against
Restrictions on use:
Restrictions on use according to REGULATION (EC) No 1907/2006 ANNEX XVII apply to this product (see section 15).
Application of the substance / the mixture Cleaner

1.3 Details of the supplier of the safety data sheet
Manufacturer/Supplier:

STOCKMEIER Chemie GmbH & Co.KG, Am Stadtholz 37, DE - 33609 Bielefeld
Tel.: +49 521 / 30 37-0, ehs-bielefeld@stockmeier.de

STOCKMEIER Fluids GmbH & Co. KG, Sanssouci 12, DE – 58802 Balve
Tel.: +49 2375 917 310, fluids@stockmeier.com

BASSERMANN Minerals GmbH & Co. KG, Rudolf-Diesel-Straße 42, DE – 68169 Mannheim
Tel.: +49 621 15 01 0, verkauf@bassermann.de

STOCKMEIER CHEMIA Sp. z o. o., ul. Obornicka 277, PL - 60-691 Poznań
Tel.: +48 61 666 10 66, zamowienia@stockmeier.pl

STOCKMEIER QUIMICA, S.L.U., Avda. del Baix Llobregat, 3- 5, ES – 08970 Sant Joan Despí (Barcelona)
Tel.: +34 93 506 91 83, tecnico-calidad@stockmeier.es

STOCKMEIER NETHERLANDS B.V., Ridderpoort 5, NL - 2984 BG Ridderkerk
Tel.: +31 180 41 5988, info@stockmeier.nl

STOCKMEIER Chemie Austria, Ricoweg 32b, AT - 2351 Wiener Neudorf
Tel.: +43 2236 623-40, office@stockmeier.at

KEMTAN AG, Seewenweg 6, CH – 4153 Reinach
Tel.: +41 61 711 20 20, info@kemtan.ch

STOCKMEIER CHEMICALS BELUX SA/NV, Rue de la Station 17, BE – 1300 Limal
Tel.: +32 10 421-320, info@stockmeierchemicalsbelux.com

HDS – Chemie Handels GES.M.B.H., Bauernmarkt 24, AT - 1010 Wien
Tel.: +43 15 32 0 999, office@hds-chemie.at
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www.stockmeier.com

Informing department:
Product safety department. Tel.: 0049 / 521 / 3037-381
E-mail: ehs-bielefeld@stockmeier.de
1.4 Emergency telephone number:
This is an English-language document designed for the European region. For the emergency number and other country-specific data, please refer to the specific national versions of this safety data sheet.
Counselling Centre for Poisoning, Mainz

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Tel. (+49) 61 31 / 19 240.

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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008

Met. Corr.1 H290 May be corrosive to metals.
Skin Corr. 1A H314 Causes severe skin burns and eye damage.
Eye Dam. 1 H318 Causes serious eye damage.

2.2 Label elements
Labelling according to Regulation (EC) No 1272/2008
The product is classified and labelled according to the CLP regulation.
Hazard pictograms



GHS05

Signal word Danger

Hazard-determining components of labelling:
sodium hydroxide
Alkohol C10, ethoxyliert
Hazard statements
H290 May be corrosive to metals.
H314 Causes severe skin burns and eye damage.
Precautionary statements
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Additional information:
According to the current state of knowledge, no synthetic polymer microparticles > 0.01% are contained.
2.3 Other hazards
Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.
Determination of endocrine-disrupting properties Not applicable.

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SECTION 3: Composition/information on ingredients

3.2 Mixtures
Description: Mixture of the following substances with non-hazardous additions.

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Trade name LotuSCare® Pre-Max

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Dangerous components:		
CAS: 1310-73-2 EINECS: 215-185-5 Reg.nr.: 01-2119457892-27	sodium hydroxide Met. Corr.1, H290; Skin Corr. 1A, H314; Eye Dam. 1, H318 Specific concentration limits: Skin Corr. 1A; H314: C ≥ 5 % Skin Corr. 1B; H314: 2 % ≤ C < 5 % Skin Irrit. 2; H315: 0,5 % ≤ C < 2 % Eye Irrit. 2; H319: 0,5 % ≤ C < 2 % substance with a Community workplace exposure limit	≥5-≤10%
CAS: 68891-38-3 NLP: 500-234-8 Reg.nr.: 01-2119488639-16	Alcohols, C12-14, ethoxylated, sulfates, sodium salts Eye Dam. 1, H318; Skin Irrit. 2, H315; Aquatic Chronic 3, H412 Specific concentration limits: Eye Dam. 1; H318: C ≥ 10 % Eye Irrit. 2; H319: 5 % ≤ C < 10 %	≥2,5-<5%
CAS: 78330-20-8 Polymer	Alcohol C10, ethoxylated Eye Dam. 1, H318; Acute Tox. 4, H302	≤1%
EC number: 931-292-6 Reg.nr.: 01-2119490061-47	Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=1); Aquatic Chronic 2, H411; Acute Tox. 4, H302; Skin Irrit. 2, H315	≥0,25-<1%

SVHC
This preparation does not contain any substances of very high concern (SVHC) in a concentration of ≥ 0.1 % according to Regulation (EC) 1907/2006, Article 57.
Additional information For the wording of the listed hazard phrases refer to section 16.
Composition/Ingredients
Constituents according to EC-Regulation 648/2004:
5 - 15 % anionic surfactants,
< 5 % non-ionic surfactants,
< 5 % polycarboxylates,
Fragrances

SECTION 4: First aid measures

4.1 Description of first aid measures
General advice: Instantly remove any clothing soiled by the product.
After inhalation Supply fresh air; consult doctor in case of symptoms.
After skin contact
Remove contaminated clothing immediately. Wash affected areas with plenty of water und soap. If irritation continues, contact a doctor.
After eye contact
Rinse immediately opened eye for several minutes under running water. Then consult doctor.
After swallowing Drink copious amounts of water and provide fresh air. Instantly call for doctor.
Information for doctor
In case of oral ingestion do not use sodium hydrogencarbonate (NaHCO3) or calcium carbonate (CaCO3) for neutralization, since developing carbon dioxide may cause perforation of the stomach. Drink suspension of magnesia in water.
4.2 Most important symptoms and effects, both acute and delayed
No further relevant information available.
4.3 Indication of any immediate medical attention and special treatment needed
No further relevant information available.

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SECTION 5: Firefighting measures

5.1 Extinguishing media
Suitable extinguishing agents
CO2, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
For safety reasons unsuitable extinguishing agents Water with a full water jet.
5.2 Special hazards arising from the substance or mixture No further relevant information available.
5.3 Advice for firefighters
Protective equipment: Wear self-contained breathing apparatus.
Additional information Cool endangered containers in the vicinity with a water spray jet.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Put on protective equipment and keep unprotected persons away.
Ensure adequate ventilation
6.2 Environmental precautions:
Dilute with much water.
Do not allow to enter drainage system, surface or ground water.
6.3 Methods and material for containment and cleaning up:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Use neutralising agent.
Ensure adequate ventilation.
Dispose of contaminated material as waste according to point 13.
6.4 Reference to other sections
See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Keep containers tightly sealed.
Prevent formation of aerosols.
Prevent eye and skin contact.
7.2 Conditions for safe storage, including any incompatibilities
Storage Store in cool, dry conditions in well sealed containers.
Requirements to be met by storerooms and containers:
Observe laws and regulations on the storage and use of substances hazardous to water.
Store in original container if possible.
Information about storage in one common storage facility:
Do not store together with oxidising and acidic materials.
Further information about storage conditions: Keep container tightly sealed.
Storage class 8 B L (VCI - Konzept, 2007)
7.3 Specific end use(s) No further relevant information available.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Components with critical values that require monitoring at the workplace:	
1310-73-2 sodium hydroxide	
MAK (Germany)	vgl.Abschn.IIb

DNELs		
1310-73-2 sodium hydroxide		
Inhalative	DNEL (worker)	1 mg/m³ (Long-term, local effects) (most sensitive endpoint: Irritation)
	DNEL (population)	1 mg/m³ (Long-term, local effects)
68891-38-3 Alcohols, C12-14, ethoxylated, sulfates, sodium salts		
Dermal	DNEL (worker)	2750 mg/kg bw/day (Long-term, systemic effects)
Inhalative	DNEL (worker)	175 mg/m³ (Long-term, systemic effects)
15763-76-5 sodium p-cumenesulphonate		
Oral	DNEL (population)	3,8 mg/kg bw/day (Long-term, systemic effects)
Dermal	DNEL (worker)	7,6 mg/kg bw/day (Long-term, systemic effects)
	DNEL (population)	3,8 mg/kg bw/day (Long-term, systemic effects)
Inhalative	DNEL (worker)	53,6 mg/m³ (Long-term, systemic effects)
	DNEL (population)	13,2 mg/m³ (Long-term, systemic effects)
Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides		
Oral	DNEL (population)	0,44 mg/kg bw/day (Long-term, systemic effects)
Dermal	DNEL (worker)	11 mg/kg bw/day (Long-term, systemic effects)
	DNEL (population)	5,5 mg/kg bw/day (Long-term, systemic effects)
	DNEL (worker)	0,27 % wt. (Long-term, local effects)
Inhalative	DNEL (worker)	15,5 mg/m³ (Long-term, systemic effects)
	DNEL (population)	3,8 mg/m³ (Long-term, systemic effects)

PNECs	
68891-38-3 Alcohols, C12-14, ethoxylated, sulfates, sodium salts	
PNEC	0,024 mg/l (Seawater)
	0,24 mg/l (water)
PNEC sediment	0,545 mg/kg (Seawater)
	5,45 mg/kg (water)
PNEC soil	0,946 mg/kg (-)
15763-76-5 sodium p-cumenesulphonate	
PNEC water	0,23 mg/l (freshwater)
	2,3 mg/l (intermittent releases)
PNEC STP	100 mg/l (380)
Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides	
PNEC water	0,0335 mg/l (freshwater)
	0,00335 mg/l (Seawater)
	0,0335 mg/l (intermittent releases)
PNEC sediment	5,24 mg/kg (freshwater)
	0,524 mg/kg (Seawater)

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PNEC STP	24 mg/l (380)
PNEC soil	1,02 mg/kg (soil)

Additional information: The lists that were valid during the compilation were used as basis.

8.2 Exposure controls
Appropriate engineering controls No further data; see section 7.
Individual protection measures, such as personal protective equipment
General protective and hygienic measures
Keep away from food, beverages and fodder.
Instantly remove any soiled and impregnated garments.
Wash hands during breaks and at the end of the work.
Avoid contact with the eyes and skin.
Gases, fumes and aerosols should not be inhaled.
Breathing equipment: Use breathing protection in case of insufficient ventilation.
Hand protection
Protective gloves (EN 374).
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
Material of gloves
Nitrile rubber (NBR), recommended material thickness: ≥ 0,4 mm, breakthrough time: ≥ 480 min.
Butyl rubber; 0,5 mm (Source: Gestis, for the 2 main components)
Natural rubber, NR, recommended thickness: ≥ 1 mm, penetration time: ≥ 480 min.
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
Penetration time of glove material
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Eye/face protection Tightly sealed safety glasses.
Body protection: Standard protective work clothing.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties
General Information

Physical state	Liquid
Colour:	Dark green
Smell:	Not determined.
Odour threshold:	Not determined.
Melting point/freezing point:	Not determined
Boiling point or initial boiling point and boiling range	Not determined
Flammability	Not applicable.
Lower and upper explosion limit	
Lower:	Not determined.
Upper:	Not determined.
Flash point:	Product is non-flammable nor potentially explosive
Auto-ignition temperature:	Not determined.
Decomposition temperature:	Not determined.

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pH at 20 °C	13,5 (Konz.)
pH-value:	
Viscosity:	
Kinematic viscosity	Not determined.
dynamic:	Not determined.
Solubility	
Water:	Fully miscible
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure:	Not determined.
Density and/or relative density	
Density at 20 °C	1,12 g/cm³
Relative density	Not determined.
Vapour density	Not determined.

9.2 Other information	
Appearance:	
Form:	Fluid
Important information on protection of health and environment, and on safety.	
Self-inflammability:	Product is not selfigniting.
Explosive properties:	Product is not potentially explosive
Evaporation rate	Not determined.

Information with regard to physical hazard classes	
Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	May be corrosive to metals.
Desensitised explosives	Void

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.
10.2 Chemical stability
Thermal decomposition / conditions to be avoided:
No decomposition if used and stored according to specifications.
10.3 Possibility of hazardous reactions Reacts with acids
10.4 Conditions to avoid No further relevant information available.

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10.5 Incompatible materials:
Oxidising agent
Acids
Aluminium, zinc and other light metals.
10.6 Hazardous decomposition products: No dangerous decomposition products known

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SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
Acute toxicity Based on available data, the classification criteria are not met.

LD/LC50 values that are relevant for classification:		
68891-38-3 Alcohols, C12-14, ethoxylated, sulfates, sodium salts		
Oral	LD50	>5000 mg/kg (rat)
Dermal	LD50	>5000 mg/kg (rat)
78330-20-8 Alcohol C10, ethoxylated		
Oral	LD50	>300-2000 mg/kg (rat)
15763-76-5 sodium p-cumenesulphonate		
Oral	LD50	>2000 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rabbit)
Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides		
Oral	LD50	1064 mg/kg (rat)

Primary irritant effect:
Skin corrosion/irritation
Causes severe skin burns and eye damage.
Serious eye damage/irritation
Causes serious eye damage.
Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
Germ cell mutagenicity Based on available data, the classification criteria are not met.
Carcinogenicity Based on available data, the classification criteria are not met.
Reproductive toxicity Based on available data, the classification criteria are not met.
STOT-single exposure Based on available data, the classification criteria are not met.
STOT-repeated exposure Based on available data, the classification criteria are not met.
Aspiration hazard Based on available data, the classification criteria are not met.
11.2 Information on other hazards

Endocrine disrupting properties
None of the ingredients is listed.

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SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:	
1310-73-2 sodium hydroxide	
LC 50 / 96 h	196 mg/l (fish)
EC 50 / 48 h	40,4 mg/l (Crustacea)
68891-38-3 Alcohols, C12-14, ethoxylated, sulfates, sodium salts	
LC 50 / 96 h	7,1 mg/l (fish)

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LC 50	10-100 mg/l (Leuciscus idus)
EC 50 / 48 h	7,2 mg/l (Daphnia magna)
EC 50 / 96 h	7,5 mg/l (Algae)
EC 50	10-100 mg/l (Daphnia magna)
	>100 mg/l (Scenedesmus subspicatus)
NOEC	1-10 mg/l (Leuciscus idus)
	0,27 mg/l (Daphnia magna) (21 Tage)
15763-76-5 sodium p-cumenesulphonate	
LC 50 / 96 h	>100 mg/l (fish)
EC 50 / 48 h	>100 mg/l (Daphnia magna)
EC 50 / 72 h	>100 mg/l (Desmodesmus subspicatus)
EC 50 / 2 h	>1000 mg/l (activated sludge (method OECD 209))
Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides	
LC 50	2,67 mg/l (fish)
	0,143 mg/l (Algae)
EC 50	3,1 mg/l (Aquatic invertebrates)
NOEC	0,067 mg/l (Algae)

12.2 Persistence and degradability
The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

68891-38-3 Alcohols, C12-14, ethoxylated, sulfates, sodium salts	
Biodegradability	>70 % /28 d (Danish EPA [1] & HERA [2])
15763-76-5 sodium p-cumenesulphonate	
Biodegradability	>60 % (OECD 301 B)

12.3 Bioaccumulative potential No further relevant information available.
12.4 Mobility in soil No further relevant information available.
12.5 Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.
12.6 Endocrine disrupting properties
The product does not contain substances with endocrine disrupting properties.
12.7 Other adverse effects

Respiratory inhibition of communal activated sludge EC 20 (mg/l according to ISO 8192 B):	
68891-38-3 Alcohols, C12-14, ethoxylated, sulfates, sodium salts	
EC 0	>100 mg/l (Pseudomonas putida)

Additional ecological information:
AOX-indication:
Das Produkt enthält keinerlei organisch gebundene Halogenverbindungen (gemäß Anhang 49 Abwasserverordnung).
Das Produkt enthält keine organischen Komplexbildner, die einen DOC - Eliminierungsgrad nach 28 Tagen von mindestens 80 % nicht erreichen (gemäß Anhang 49 Abwasserverordnung).
General notes:
Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

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Water hazard class 2 (Self-assessment): hazardous for water.
Must not reach sewage water or drainage ditch undiluted or unneutralised.

SECTION 13: Disposal considerations

13.1 Waste treatment methods
The note below refers to the product left as it is and not to further processed products. When mixed with other products, other disposal routes may be required; if in doubt, consult the supplier of the product or the local authority.
Recommendation
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
Must be specially treated under adherence to official regulations.
Waste disposal key number:
Since 1 January 1999, the waste code numbers have not only been product-related but essentially application-related. The waste code number valid for the application can be taken from the European Waste Catalogue.
Uncleaned packagings: Disposal in accordance with official regulations.
Recommendation:
L e v e l o p m e n t : After optimal emptying, immediately return to the supplier tightly closed and without cleaning. Make sure that no foreign matter gets into the packaging!
Other containers: Empty completely and clean for reconditioning or reprocessing.

SECTION 14: Transport information

14.1 UN number or ID number	
ADR/RID, IMDG, IATA	UN1824
14.2 UN proper shipping name	
ADR/RID	1824 SODIUM HYDROXIDE SOLUTION
IMDG, IATA	SODIUM HYDROXIDE SOLUTION
14.3 Transport hazard class(es)	
ADR/RID	
Class	8 (C5) Corrosive substances.
Label	8
IMDG, IATA	
Class	8 Corrosive substances.
Label	8
14.4 Packing group	
ADR/RID, IMDG, IATA	II
14.6 Special precautions for user	Warning: Corrosive substances.
Kemler Number:	80
EMS Number:	F-A,S-B
Segregation groups	(SGG18) Alkalis
Stowage Category	A
Segregation Code	SG35 Stow "separated from" SGG1-acids
14.7 Maritime transport in bulk according to IMO instruments	Not applicable.

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Transport/Additional information:	
ADR/RID	
Limited quantities (LQ)	1L
Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
IMDG	
Limited quantities (LQ)	1L
Excepted quantities (EQ)	Código E4 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
UN "Model Regulation":	UN 1824 SODIUM HYDROXIDE SOLUTION, 8, II

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SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Labelling according to Regulation (EC) No 1272/2008
The product is classified and labelled according to the CLP regulation.
Hazard pictograms



GHS05

Signal word Danger

Hazard-determining components of labelling:
sodium hydroxide
Alkohol C10, ethoxyliert
Hazard statements
H290 May be corrosive to metals.
H314 Causes severe skin burns and eye damage.
Precautionary statements
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Directive 2012/18/EU
Named dangerous substances - ANNEX I None of the ingredients is listed.

LIST OF SUBSTANCES SUBJECT TO AUTHORISATION (ANNEX XIV)
None of the ingredients is listed.

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II
None of the ingredients is listed.

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REGULATION (EU) 2019/1148

Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

National regulations

Information about limitation of use:
Employment restrictions concerning young persons must be observed.

Other regulations, limitations and prohibitive regulations

Substances of very high concern (SVHC) according to REACH, Article 57

None of the ingredients is listed.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
This safety data sheet complies with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

UFI market placements:
Germany, Bulgaria, Denmark, DKE, ESE, European Union, Finland, SFS, France, Greece, Ireland, ISE, Croatia, Latvia, FL, Lithuania, LTE, Malta, Netherland, Norway, Germany, Poland, Portugal, Romania, Sweden, Slovakia, Slovenia, Spain, Czechia, Cyprus, Italy

Relevant phrases
Complete wording of hazard statements and risk phrases (H-phrases) mentioned in section 3. These phrases refer to the constituents. The labelling for this product is stated in section 2.
H290 May be corrosive to metals.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

Department issuing data specification sheet: See section 1.3: Responding area
Date of previous version: 16.05.2025
Version number of previous version: 109.16
Abbreviations and acronyms:
RPE: Respiratory Protective Equipment
RCR: Risk Characterisation Ratio (RCR= PEC/PNEC)
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
CLP: Classification, Labelling and Packaging (Regulation (EC) No. 1272/2008)
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
TRGS: Technische Regeln für Gefahrstoffe (Technical Rules for Dangerous Substances, BAuA, Germany)
ISO: International Organisation for Standardisation

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Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

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DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
SVHC: Substance of Very High Concern
SVHC: Substances of Very High Concern
vPvB: very Persistent and very Bioaccumulative
Met. Corr.1: Corrosive to metals – Category 1
Acute Tox. 4: Acute toxicity – Category 4
Skin Corr. 1A: Skin corrosion/irritation – Category 1A
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

*** Data compared to the previous version altered.**